

FIGURE 1A

|   |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|
| 333   | 342 | 351 | 360 | 369 | 378 |
| CTT GCT GTA TCA AAG GCT CAG CTA TCT GTT CAA ACG TCA CCT GTT CCC ACC CCA |     |     |     |     |     |
| L A V S K A Q L S V Q T S P V P T P                                     |     |     |     |     |     |
| 387   | 396 | 405 | 414 | 423 | 432 |
| GAC CCA AAG AGG TTG ATT CAG TTG CCT TCT GCA ACG CAA AGT AAT GTT AAT ACT |     |     |     |     |     |
| D P K R L I Q L P S A T Q S N V N T                                     |     |     |     |     |     |
| 441   | 450 | 459 | 468 | 477 | 486 |
| TTG AGT TCT GTA AGT TGC ATG CCA ACA ATG CCT CCA ATT CCA GCT CGG AGT CAA |     |     |     |     |     |
| L S S V S C M P T M P P I P A R S Q                                     |     |     |     |     |     |
| 495   | 504 | 513 | 522 | 531 | 540 |
| TCC CAG GAA AAT ATG CGA AGT TCT CCA AAC CCA TTT ATT ACT GGC TTG ACC AGG |     |     |     |     |     |
| S Q E N M R S S P N P F I T G L T R                                     |     |     |     |     |     |
| 549   | 558 | 567 | 576 | 585 | 594 |
| ACA AAT CCT TTC AGT GAC AGG ACT GCT GCT CCT GGA AAC CCA TTT AGA GCC AAG |     |     |     |     |     |
| T N P F S D R T A A P G N P F R A K                                     |     |     |     |     |     |
| 603   | 612 | 621 | 630 | 639 | 648 |
| TCT GAA GAA TCA GAG GCA ACT TCA TGG TTC TCC AAA GAA GAG CCC GTT ACT ATC |     |     |     |     |     |
| S E E S E A T S W F S K E E P V T I                                     |     |     |     |     |     |

FIGURE 1B

|     |             |     |         |     |         |     |         |     |         |     |         |
|-----|-------------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|
| 657 | AGT CCT TTC | 666 | TCT TCT | 675 | CCT CTT | 684 | CAT AAC | 693 | AGG AGC | 702 | TCA TCT |
|     | S P F       |     | S L Q   |     | P L G   |     | H N K   |     | S R A   |     | S S     |
| 711 | TCA CTT GAT | 720 | GGC TTT | 729 | TTT GAT | 738 | CTA CAG | 747 | TCT ACA | 756 | TTA AAA |
|     | S L D       |     | G F K   |     | S F D   |     | L Q G   |     | S T L   |     | K       |
| 765 | ATT AGC AAC | 774 | CCG AAA | 783 | GTA ACC | 792 | GAG GAA | 801 | GAT TTT | 810 | GGT GTG |
|     | I S N       |     | P K G   |     | V T F   |     | E E E   |     | D F G   |     | V       |
| 819 | AAA GGG AAG | 828 | TCA AAG | 837 | TGT TCA | 846 | TTA CTG | 855 | CAG CCA | 864 | AGT TCA |
|     | K G K       |     | S A S   |     | C S D   |     | L L G   |     | Q P S   |     | S       |
| 873 | TTT TCT GGC | 882 | CTG AAC | 891 | AAT GAT | 900 | TGG AAT | 909 | GGT ACA | 918 | AAT GTC |
|     | F S G       |     | S N L   |     | N D D   |     | W N K   |     | G T N   |     | V       |
| 927 | TCC TTC GTG | 936 | CCG TCA | 945 | AGA CCT | 954 | CCT CCA | 963 | GTC CCT | 972 | CTG CTC |
|     | S F C       |     | V L P   |     | R R P   |     | P P P   |     | V P L   |     | L       |

FIGURE 1C

[illegible]

## FIGURE 1D

|             |             |             |             |             |               |
|-------------|-------------|-------------|-------------|-------------|---------------|
| 1305        | 1314        | 1323        | 1332        | 1341        | 1350          |
| CCA TAA AAA | GTA CTT ATA | CTT TAG AAA | ACA GTC CTT | ATT CAG AAA | CTT TTC GGT   |
| 1359        | 1368        | 1377        | 1386        | 1395        | 1404          |
| CAG TCT TCT | GAA GAA TCT | CAA AAA GCC | CAC CCA ACT | TTT CAG CTG | ACA TTT CCA   |
| 1413        | 1422        | 1431        | 1440        | 1449        | 1458          |
| CCA GCC CTC | TCA AAT TTG | TTA ACT ATT | GGT ATC TTT | GAG TAT TTA | CCC AAG AGC   |
| 1467        | 1476        | 1485        | 1494        | 1503        | 1512          |
| TGC CAA GGT | TAC AGT GAA | CAG AGT TTT | GAA AGG CAT | TGC TTT AAA | GGA AAA AAG   |
| 1521        | 1530        | 1539        | 1548        | 1557        | 1566          |
| TAT AGG TAT | GTG TAC ATA | TAN ATT TCA | TAT TTT CAC | ACG TAC TTC | CGT CCC CC 3' |



[illegible]

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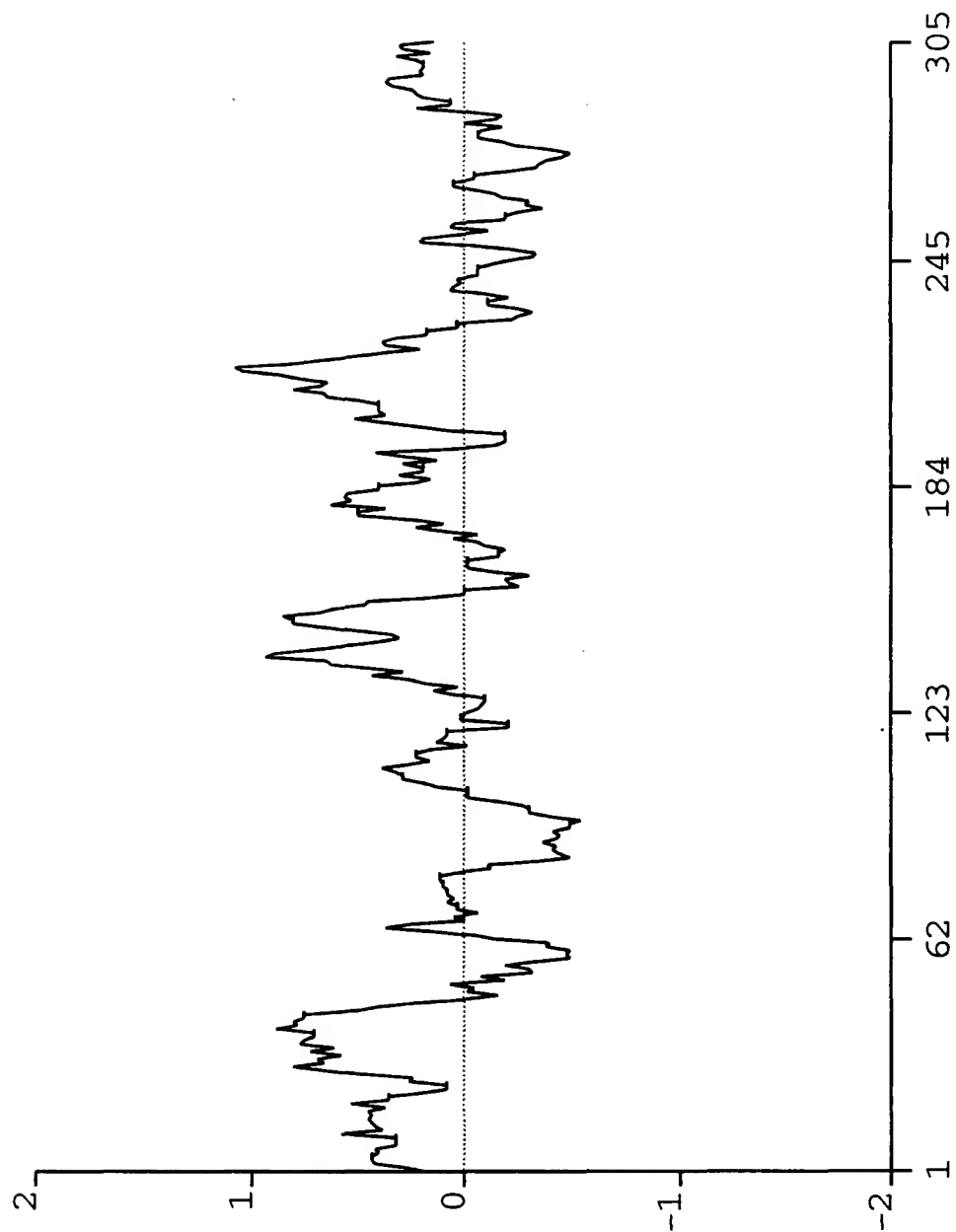


FIGURE 3A

100150" 2001500

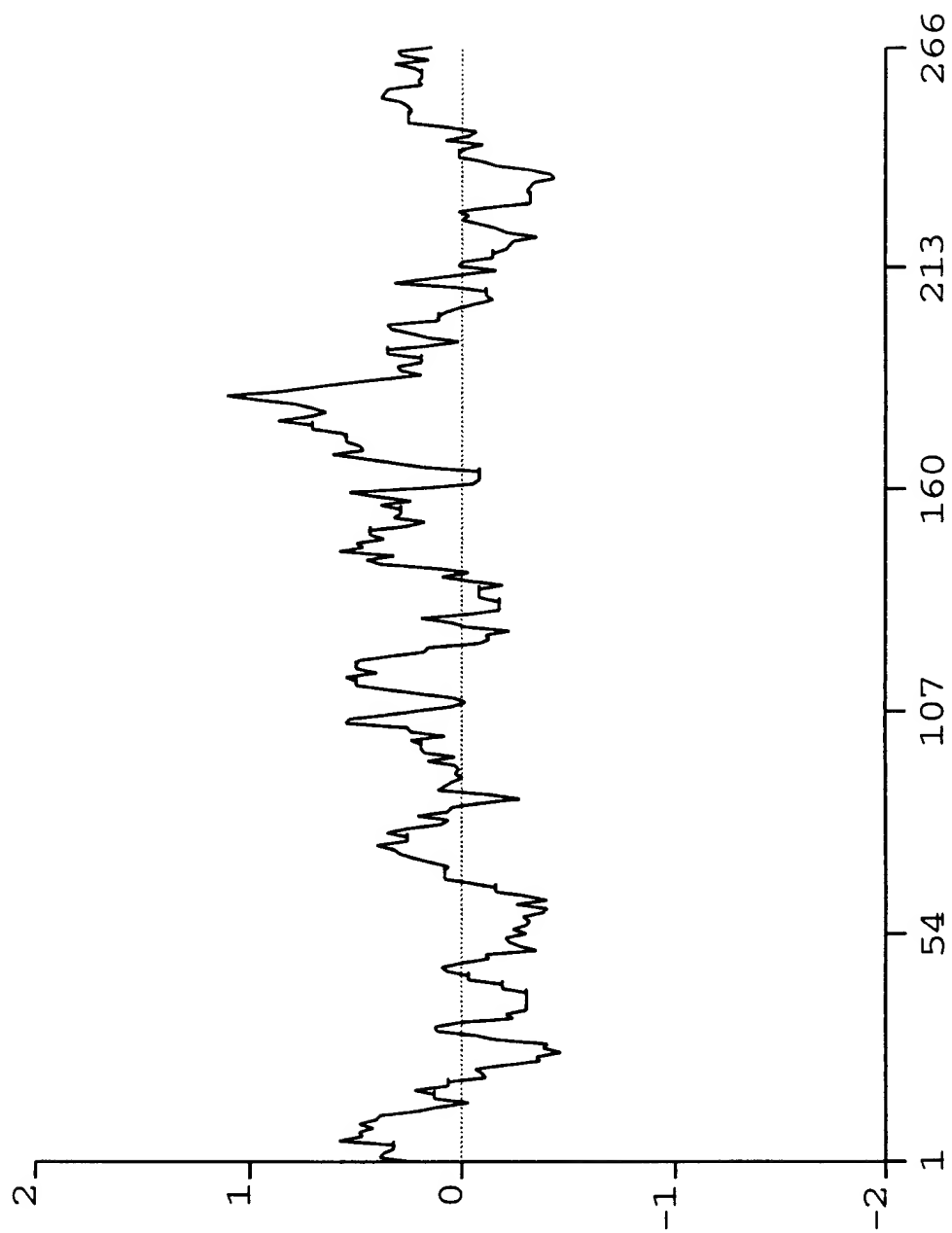


FIGURE 3B